

## CURRICULUM VITAE

# HA VAN HIEU

### PERSONAL DETAILS

*Date of Birth:* December 20, 1988.  
*Place of Birth:* Binh Phuoc, Vietnam.  
*Home Address:* 50/8 Thanh Thai Str., Dist. 10, Ho Chi Minh City, Vietnam.  
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*Marital Status:* Single

### EDUCATION

- September 2012 - present: Second year Algant-Master Erasmus Mundus, University of Bordeaux 1, France.  
Thesis : *L-functions of Algebraic Curves over finite field*.  
Advisor : Prof. Boas Erez.
- October 2011 - June 2012: First year Algant-Master Erasmus Mundus, University of Padova, Italy.
- September 2010 - September 2011: First year Master of Science in Mathematics, University of Education, Ho Chi Minh City, Vietnam.
- September 2006-July 2010: Bachelor of Science in Mathematics, University of Education, Ho Chi Minh City, Vietnam.  
Thesis : *On a subclass of 5-dimensional solvable Lie algebras which have non-commutative derived ideals*.  
Advisor : Prof. Le Anh Vu.

### RESEARCH INTERESTS

- Algebraic Geometry, Commutative Algebra.
- Algebraic Curves, L-functions and Zeta functions.
- Linear Algebras and Lie Algebras.

### PUBLICATIONS

- (with Le Anh Vu and Nguyen Anh Tuan) *On the Class of Real Solvable Lie Algebras in which the Dimension of their Co-adjoint Orbits are zero or maximal*, submitting.
- (with Le Anh Vu and Tran Thi Hieu Nghia) *Classification of 5-dimensional MD-algebras having non-commutative derived ideals*, East-West Journal of Mathematics, Vol. 13, No 2 (2011), pp 118 - 132.

## SCHOOLS AND CONFERENCES

- October 2012 - present: Galois Groups of schemes, University of Bordeaux 1, France.
- March 2011-June 2012: Representation Theory seminar, University of Padova, Italy.  
Report: *Representation of symmetric group* .
- July 2011: Summer meeting in Algebra, University of Education, Ho Chi Minh City, Vietnam.  
Report: *Classification of 5-dimensional MD-algebras having non-commutative derived ideals*.
- November 2010-April 2011: Lie Theory and Representation Theory Seminar, University of Education, Ho Chi Minh City, Vietnam.  
Report 1: *Introduction to Lie Algebras and Lie Groups* .  
Report 2: *Co-adjoint Representation and Classification of MD5-algebras* .  
Report 3: *Classification of MD5-algebras having non-commutative derived ideals* .
- November 2009-April 2010: Lie Theory and Representation Theory Seminar, University of Education, Ho Chi Minh City, Vietnam.  
Report: *Matrix Groups - Introduction to Lie Groups* .
- July 2009 - August 2009: Mathematics Summer School for students, Vietnam Institute of Mathematics, Vietnam.
- 2009: Intel Teach Essentials Course, University of Education, Ho Chi Minh City, Vietnam.

## AWARDS

- April 2010: First Prize in National Mathematics Olympic for Students, Hue, Vietnam.
- April 2009: First Prize in National Mathematics Olympic for Students, Dong Hoi, Vietnam.
- April 2008: Third Prize in National Mathematics Olympic for Students, Nha Trang, Vietnam.
- April 2007: Second Prize in National Mathematics Olympic for Students, Vinh, Vietnam.
- October 2008: Silver Medal in Solving Mathematics on Calculator, University of Education, Ho Chi Minh City, Vietnam.
- 2006-2010: Monthly Scholarship for excellent students of University of Education, Ho Chi Minh City, Vietnam.
- 2006: Award for excellent students, Binh Phuoc Province, Vietnam.
- 2005: Award for excellent students, Binh Phuoc Province, Vietnam.

## COMPUTER SKILLS

- Pascal
- Latex
- Geogebra, Geoplane, Cabri 2D, Cabri 3D, Maple, Mathematica.

## EXTRA-ACTIVITIES

- August 20-24, 2012: VMS (Vietnam Mathematical Society)- SMF (French Mathematical Society) Joint Congress, University of Hue, Hue, Vietnam.
- January 9, 2011: Scientific conference for master students, University of Education, Ho Chi Minh City.  
Report: *Classification of 5-dimensional MD-algebras having non-commutative derived ideals.*
- 2009: Adventure of Finding Solution, University of National Sciences, Ho Chi Minh City, Vietnam.
- 2008 and 2009: "Math Playground" of Mathematics Department, University of Education, Ho Chi Minh City.

## TEACHING EXPERIENCES

- 2010: Teaching Assistant at Bui Thi Xuan high school, Ho Chi Minh City, Vietnam.
- 2009: Teaching Assistant at Nguyen Khuyen high school, Ho Chi Minh City, Vietnam.
- 2006-2010: Math tutor.

## OTHER INFORMATIONS

- Language:  
Vietnamese: native tongue.  
English: fluent.  
French: begin.
- Hard working, constructive, confident and self-motivated.

## REFEREES

- Prof. Boas Erez.  
Institute: University of Bordeaux 1 (IMB), France.  
Address: 351, cours de la Liberation - 33405 TALENCE cedex, France.  
Email: Boas.Erez@math.u-bordeaux1.fr
- Prof. Tong Jilong.  
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- Prof. Pascal Autissier.  
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- Prof. Silvana Bazzoni.  
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- Prof. Francesco Bottacin.  
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- Prof. Alberto Facchini.  
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- Prof. Francesco Baldassarri.  
Institute : University of Padova, Italy.  
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- Prof. Jean-Paul Cerri.  
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Email: Jean-Paul.Cerri@math.u-bordeaux1.fr
- Prof. Le Anh Vu.  
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